

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Takehiko ISAKA et al.)
) Group Art Unit:
Serial No.: Not Yet Assigned)
) Examiner:
Filed: September 4, 2003)
)
For: METHOD AND APPARATUS FOR)
AUDIO CODING WITH NOISE)
SUPPRESSION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
MAIL STOP: PATENT APPLICATION

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

The following is a concise statement of relevance of the non-English language documents:

1. JP 8-65211 discloses a reduction in the amount of processings and attains miniaturization of equipment by performing echo cancellation processing only to the low-pass

component of a transmitting incoming signal. The relevance of this document is also discussed on page four of the specification of the present application.

2. JP 2001-318694 discloses an optimal noise suppressor by switching a system, a parameter value, etc., of noise suppressor from information, such as a coding rate of voice codes used combining noise suppressor.

An English-language abstract of the documents setting forth the relevance is enclosed.

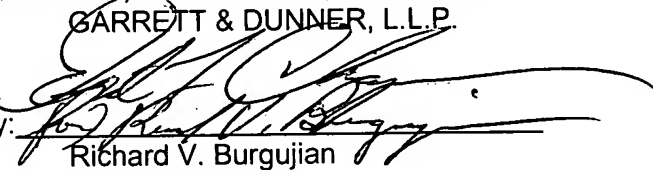
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:


Richard V. Burgujian
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Dated: September 4, 2003

Enclosures
RVB/FPD/peg

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	04329.3134	Serial No.	
Applicant	Takehiko ISAKA et al.		
Filing Date	September 4, 2003	Group:	

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
		8-065211 A2	3/8/1996	Japan			Abstract
		2001-318694 A2	11/16/2001	Japan			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	P. Dreiseitel et al., "ACOUSTIC ECHO AND NOISE CONTROL - A LONG LASTING CHALLENGE", Proc. EUSIPCO- 98, pp. 1-8, (September 1998)
	T. Taniguchi et al., "SIGNAL PROCESSING APPARATUS AND MOBLE RADIO COMMUNICATION TERMINAL" U.S. Patent Application Serial No. 09/852,235, filed May 10, 2001.

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce